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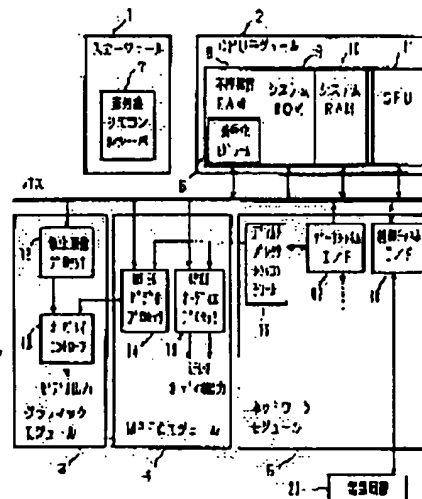
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## (54) CIPHERING AND DECIPHERING DEVICE OF DIGITAL BIDIRECTIONAL COMMUNICATION TERMINAL

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To keep the price of a digital bilateral communication terminal main body low by adding a ciphering, a deciphering, and a user authenticating function to a digital bilateral communication terminal, and then actualizing services which require security like credit card payment by bilateral CATV and further not incorporating the ciphering function originally, but downloading a ciphering module from a server.

**SOLUTION:** The digital bilateral communication terminal is connected to the server through a public telephone line or leased line and has a system ROM 9, a system RAM 10, and a nonvolatile RAM 8 inside and also has an operating system based upon OS/9. The digital bilateral communication terminal downloads modules for ciphering and deciphering data from the server, saves the downloaded ciphering module in the system RAM 10, and uses ciphering for the subsequent transmission and reception of data.



### LEGAL STATUS

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